

Dokumentasi Web Programming

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Intermezzo :

Page yang belum selesai = Category Page, Writer Page, Writer Detail Page, Popular Page

SQL file ada di dalam folder sql

Penjelasan :

Pada proyek yang telah saya buat, saya akan menjelaskan mengenai routing, controller, model, view dan blade, dan lainnya, sekaligus penjelasan secara teorinya. Berikut adalah penjabarannya :

- **Routing**

Routing secara sederhana bertugas untuk mengarahkan kita ke Controller, dan seolah-olah menanyakan kita di Controller ingin berbuat apa? Biasanya, ini dihubungkan ke Controller supaya Controller dapat menampilkan View serta melakukan operasi-operasi lainnya. Sebenarnya, Routing juga bisa tidak harus ke Controller dulu, melainkan langsung ke View juga bisa. Jadi, prosesnya bisa dikatakan bahwa setiap kali user mengakses URL tertentu, route akan menentukan tindakan apa yang akan dilakukan, entah itu mengarahkan ke Controller dulu atau langsung menampilkan View. Routing sendiri mempunyai beberapa metode HTTP, yakni GET, POST, PUT, dan DELETE. Pada proyek ini, Routing hanya memakai GET saja karena untuk mengambil data saja.

- **Controller**

Controller itu seperti otak dari aplikasi kita karena berisi logika-logika yang mengatur jalannya aplikasi. Controller seperti yang sudah tadi dijelaskan, yakni berhubungan dengan Routing dan View untuk mengembalikan tampilan ke pengguna. Tetapi, Controller berhubungan dengan Model untuk mengakses data dari database. Dalam proyek ini, controllernya bernama PageController yang berfungsi untuk mengatur paging dari aplikasi.

Cara membuat controller : php artisan make:controller NamaController

- **Model**

Model ini merepresentasikan data dari tabel dalam database dan menyediakan metode untuk mengakses serta memanipulasi data tersebut. Biasanya, saat membuat model, Migration dan Seeder juga sekaligus dibuat karena kedua hal tersebut berhubungan dengan database.

Cara membuat model tanpa migration dan seeder : php artisan make:model Wkwk

Cara membuat model w/ migration and seeder : php artisan make:model Wkwk -ms

- **View and Blade**

Sederhananya, View adalah interface user saat mengakses aplikasi kita, sedangkan Blade adalah sebagai mesin templating pada Laravel untuk mempermudah kita pembuatan view.

- Migration

Migration ini digunakan untuk mengelola tabel-tabel di database kita. Jadi setiap kita melakukan migrate, maka kita dapat menambahkan, mengubah, atau menghapus kolom dari tabel yang ada. Dalam menggunakan migration, saya sendiri suka menggunakan :fresh karena tabel-tabelnya akan didrop semua lalu dibuat yang baru sehingga mempermudah saya. Kalau tidak pakai -fresh, migrate hanya menambahkan data tabel yang belum ada. Pada proyek ini, saya juga suka menggunakan –seed sehabis :fresh supaya seeder juga dioperasikan.

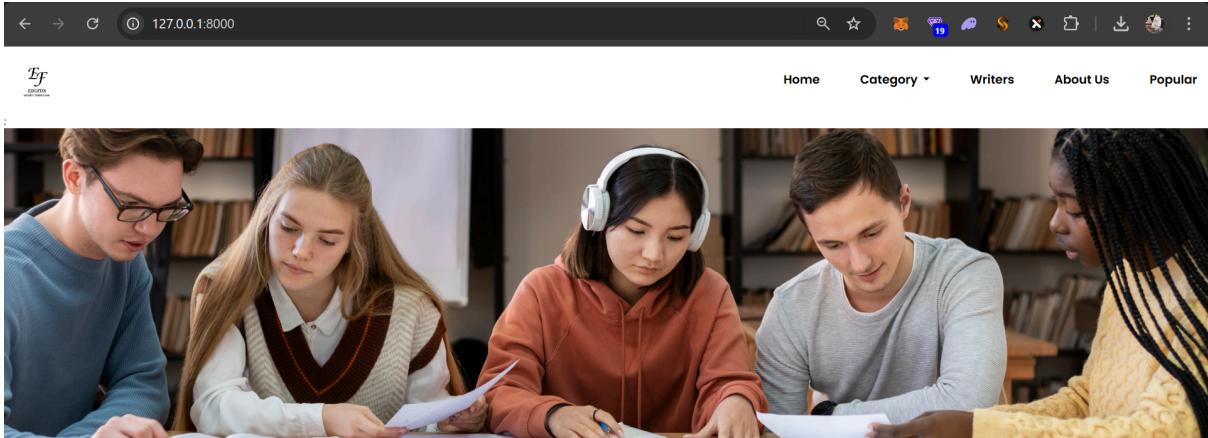
Cara migration yang saya lakukan : php artisan migrate:fresh –seed

- Database Seeder/Faker

Seeder adalah sebuah hal yang digunakan untuk memasukkan data awal atau contoh (dummy data) ke dalam tabel database, seangkan Faker untuk membuat data palsu secara otomatis.

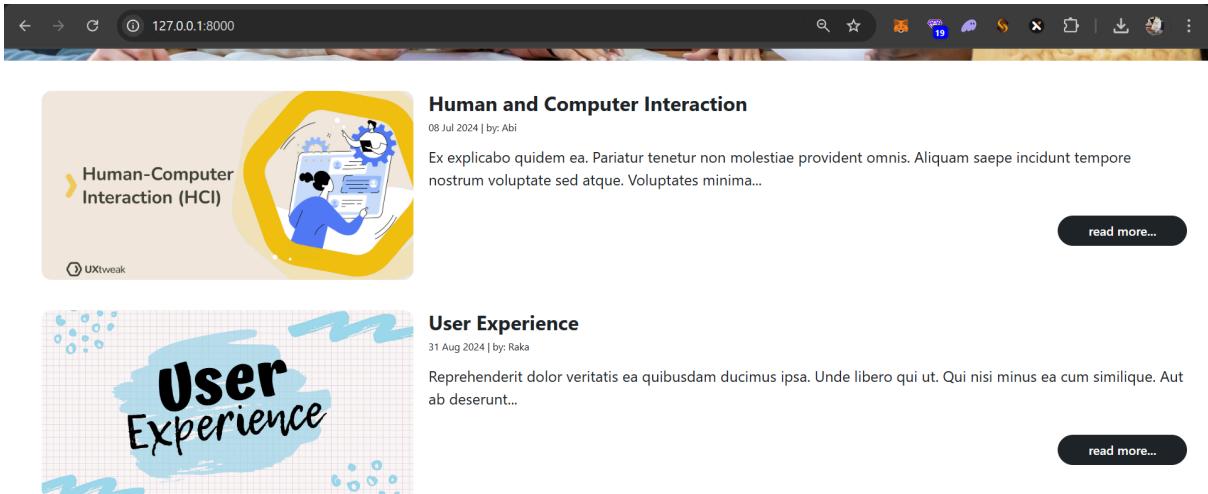
Output :

Home Page



The screenshot shows a web browser window with the URL 127.0.0.1:8000. The page features a large header image of five diverse students sitting around a table, looking at papers. Below the image is a card for a post titled "Human and Computer Interaction". The card includes a yellow icon with a person interacting with a computer, the title, the date (08 Jul 2024), the author (Abi), a preview of the content, and a "read more..." button.

Human and Computer Interaction
08 Jul 2024 | by: Abi
Ex explicabo quidem ea. Pariatur tenetur non molestiae provident omnis. Aliquam saepe incident tempore nostrum voluptate sed atque. Voluptates minima...

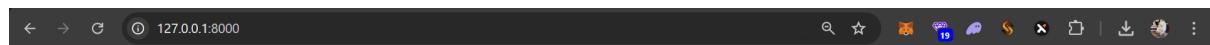


The screenshot shows a second instance of the web browser with the same URL. It displays two cards. The first card is for "Human and Computer Interaction" and the second is for "User Experience". Both cards follow the same layout: a yellow icon, the title, the date, the author, a preview, and a "read more..." button. Below these cards is a third card for "User Experience for Digital Immersive Technology".

Human and Computer Interaction
08 Jul 2024 | by: Abi
Ex explicabo quidem ea. Pariatur tenetur non molestiae provident omnis. Aliquam saepe incident tempore nostrum voluptate sed atque. Voluptates minima...

User Experience
31 Aug 2024 | by: Raka
Reprehenderit dolor veritatis ea quibusdam ducimus ipsa. Unde libero qui ut. Qui nisi minus ea cum similique. Aut ab deserunt...

User Experience for Digital Immersive Technology
23 Mar 2024 | by: Bia



User Experience for Digital Immersive Technology

23 Mar 2024 | by: Bia

Est libero voluptas minus. Nobis quam est nesciunt et. Sint inventore distinctio dolores beatae eos optio. Molestiae impedit libero quas...

[read more...](#)



Pattern Software Design

08 Oct 2024 | by: Raka

Officis dignissimos qui maiores. Ea enim dolorem paratur sit officia. Voluptatum rerum ipsa asperiores et. Vitae qui libero corrupti minus....

[read more...](#)



Agile Software Development

30 Mar 2024 | by: Abi

Accusamus id quasi harum. Nam sit et autem nesciunt ut officia. Id cupiditate impedit accusantium cum facere. Ut

[read more...](#)



Agile Software Development

30 Mar 2024 | by: Abi

Accusamus id quasi harum. Nam sit et autem nesciunt ut officia. Id cupiditate impedit accusantium cum facere. Ut omnis quo...

[read more...](#)

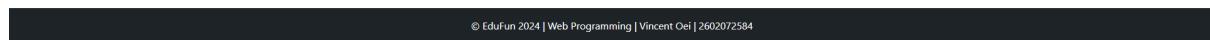


Code Reengineering

10 Sep 2024 | by: Jessica

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[read more...](#)



Course Detail Page



Home

Category ▾

Writers

About Us

Popular

Interactive Multimedia



08 Jul 2024 | by: Abi

Ex explicabo quidem ea. Pariatur tenetur non molestiae provident omnis. Aliquam saepe incident tempore nostrum volupitate sed atque. Voluptates minima expedita architecto. Repudiandae facere laudantium laboriosam a aspernatur eaque aut. Voluptatum et repellat laborum itaque iste. Quasi cumque nihil

A screenshot of a web browser window. The address bar shows the URL '127.0.0.1:8000/courses/2'. The page content includes a logo 'Ef' at the top left, a navigation bar with links for 'Home', 'Category', 'Writers', 'About Us', and 'Popular', and a search bar with a magnifying glass icon. Below the navigation is a section titled 'Interactive Multimedia' featuring a large, stylized graphic of the words 'User Experience' in black and white, set against a blue brushstroke on a grid background with blue circular patterns.

A screenshot of a web browser showing a course page. The URL in the address bar is 127.0.0.1:8000/courses/3. The page title is "Software Engineering". The main content area features a large, stylized letter 'W' composed of various colorful icons related to software development, such as code snippets, databases, user profiles, and tools. At the bottom left, there is a timestamp "23 Mar 2024 | by: Bia". The top navigation bar includes links for Home, Category (with a dropdown arrow), Writers, About Us, and Popular. There are also several small, colorful icons in the top right corner.

The screenshot shows a web browser window with the URL `127.0.0.1:8000/courses/4`. The page title is "Software Engineering". The main content features a large green banner with the text "Software Design Patterns" overlaid on a background of abstract white shapes. In the bottom right corner of the banner, there is a small logo with the letters "DIGI" and "HE" stacked vertically. At the bottom left, the date "08 Oct 2024" and author "by: Raka" are visible. The top navigation bar includes links for Home, Category, Writers, About Us, and Popular, along with various browser icons.



Software Engineering



30 Mar 2024 | by: Abi

Accusamus id quasi harum. Nam sit et autem nesciunt ut officia. Id cupiditate impedit accusantium cum facere. Ut omnis quo optio et sunt non. Dignissimos blanditiis accusantium quaerat dolores ad et est illum. Aspernatur ipsa qui error vel aut non. Voluptatem in aut unde dignissimos totam repellat. Earum aperiam ad



Software Engineering



10 Sep 2024 | by: Jessica

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Category Page



Interactive Multimedia



Home Category Writers About Us Popular

Software Engineering

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Writer Page

Our Writers:

Card title Some quick example text to build on the card title and make up the bulk of the card's content.	Card title Some quick example text to build on the card title and make up the bulk of the card's content.	Card title Some quick example text to build on the card title and make up the bulk of the card's content.	Card title Some quick example text to build on the card title and make up the bulk of the card's content.	Card title Some quick example text to build on the card title and make up the bulk of the card's content.
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About Us Page



Home Category Writers About Us Popular

About EduFun

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